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2642

October 23, 2003



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Technology Center 2600

Examiner: Chiang, Jack

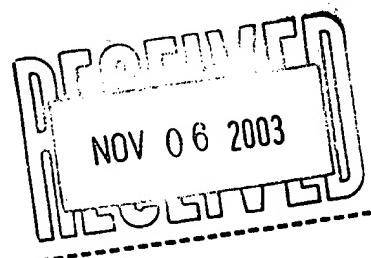
ART UNIT 2642

RE: Response to Office Action.

Applicant: Tetsunori Kunimune

Application Number: 09/886,721

Attorney Docket No.: 911-2111



Ladies and Gentlemen:

Transmitted herewith for filing are amendments of above identified patent application according to the Office Communication Mailed on September 05, 2003.

Thank you for your prompt response and kind consideration. Should you have any questions or need additional information, please do not hesitate to contact undersigned.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Eugene Oak'.

Eugene Oak, Ph. D., J. D.
Patent Attorney

E0/ycc

Enclosures: Amendment

3/A
Smc
11/13/03
(NE)

Summary of the Response to Office Action

DETAILED ACTION

Claim Rejections-35 U.S.C. §112

- 1. Claims 1-11 are rejected under 35U.S.C. 112, first paragraph,....**

Claims 1-11 are deleted and new Claim 12 is added.

Art Rejection

- 2. The following is a quotation of the appropriate paragraphs of U.S.C. 102 that form the basis for the rejections under this section made in this Office action:**

3. Claims 1,3-9 and 11, as best understood, are rejected under 35 U.S.C. 102 (b) as being anticipated by Topp (UD D280099).
Regarding claim 1, Topp shows: A button having raised dots on its surface (see figs.3-4).
Regarding claims 3-9 and 11, Topp shows: The dots can be 2 to 8 dots or plurality of dots (see figs 2 and 4).
- 4. The following is a quotation of 35 U.S.C. 103 (a), which forms the basis for all obviousness rejections set forth in this Office action.**
- 5. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Topp.**
Regarding claim 10, Topp shows various number of dots with the button....
- 6. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Topp in view of Krishnan (US 6377685).** Regarding claim 2, Topp shows the button and dots.....

IN THE UNITED STATES PATENT & TRADEMARK OFFICE
AMENDMENT

Page 1, Line 1- Line 5,

IN FIELD OF THE INVENTION:

A' The present invention generally relates to a telephone keypad arrangement, more particularly to [an arragement that comprises a key representing a dot or a period for use in denoting addresses including but not limited to Internet addresses.]

Please amend the above-described application as follows.

The present invention generally relates to a telephone keypad arrangement, more particularly to a key pad that can express a ‘.’ as a member of letter character.

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Page 1, Line 6- Line 14,

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Page 2, Line 1- Line 14

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IN BACKGROUND OF THE INVENTION;

[Many touch tone telephone equipment in the prior art such as common house hold phones exhibit a raised dot on the "5" button on the key pad. The reason for the raised dot is to help determine the placement of the keys with respect to a centrally located button. In most cases, the button representing the numeral 5 displays said raised dot. This is also helpful for the vision impaired so that a person may determine the location of the keys by sensing the raised dot. The prior art describes a function, which relates to ease of location. However, the present invention performs this function and another more important function. The present invention seeks to represent the symbol "." By the use of a telephone key pad. This representation will allow the user to communicate world wide web address and other address forms including but not limited to, the dot, such as .com or .net. There is presently no invention, which utilizes a raised dot on a phone button as the present invention does. Yet the present invention incurs many of the convenience and benefits described above. Thus there is presently a need for the novel features possessed by the present invention.]

Please delete the above-described application.

IN THE UNITED STATES PATENT & TRADEMARK OFFICE
ADDITION

Page 2, Line 15

IN BACKGROUND OF THE INVENTION;

A2.

With the wide spread of Internet, many companies have their home pages on the Internet with an address of 'www. xxx. com.' And more and more people search the informations of a specific company from the internet. Therefore such kind of '. com.' became more familiar as a representative address for a certain company. If a company having an Internet address of '. com.' can have a phone number that can be called by pushing the same alphabetic name with a touch tone phone key pads, it will be more convenient for both of the customers and that company. Unfortunately, most of ground touch tone phones do not have a key representing a '.' on key pad. Therefore it was impossible to press the phone number such as '1-800-mom.com'. Though some cellularphones have '.' key pad, the '.' has its own meaning and recognized as a 'period' by the cellular phone. To make the '.' symbol work, a user must press a functional key first. Then the cellular phone recognize the '.' as a period. A user can not use the '.' key on a cellular phone to call a telephone number. Meanwhile, many companies has phone number such as '1-800-mom-hand'. If a user presses the alphabetic code, the telephone itself recognize the number as '1-800-666-4263'. In other words, the alphabet phone number is not a real but a kind of agreement to make user memorize the phone number easily. Therefore if a telephone company and user make agreement and let one of the 'number' key express '.' like 'a', 'b', and 'c' are expressed by the key '2', then many companies will buy the telephone number such as '1-800- ATT.com' or '1-800-SBC.com'. It is purpose of the current invention to provide a telephone equipped with a key pad enabling dial a telephone number, which can be represented as 'XXX-YYY.com'.

Please add the above-described application.

IN THE UNITED STATES PATENT & TRADEMARK OFFICE
AMENDMENT

**Page 2, Line 15- Line 20,
IN BRIEF SUMMARY OF THE INVENTION;**

A3.

The present invention is a button on a telephone key pad [consisting of five raised dots of a particular shape including but not limited to hemispherical. Said dots are easily detected by lightly placing a finger over the dots and thus aids in the location of the numbers as they appear on the buttons of the keypad.]

Please amend the above-described application as follows.

**The present invention is a button on a telephone key pad having a “.” sign
thereon in addition to a number “5” and three alphabets of ‘J’, ‘K’, and ‘L’.**

IN THE UNITED STATES PATENT & TRADEMARK OFFICE
AMENDMENT

Page 3, Line 1- Line 4.

IN BRIEF SUMMARY OF THE INVENTION;

A4
It is an object of the present invention to allow a telephone user to denote the [dot symbol by pressing a key on the keypad so that the user may express a variety of address codes and commands that were formerly not possible.]

Please amend the above-described application as follows.

It is the object of the present invention to allow a telephone user to denote the “.” symbol by pressing the number “5” key pad sothat the user may expresss a phone number containing a “.” in an alphabetic expression such as ‘1-800-ATT.com’.

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**Page 3, Line 5- Line 12,
IN BRIEF SUMMARY OF THE INVENTION :**

[These together with other objects of the invention are pointed out clearly in the claims annexed to and forming a part of this disclosure. For a better understanding of the present invention, its operating advantages and the specific objects attained by its use, references should be made to the accompanying drawings and descriptive matter in which there are illustrated preferred embodiments of the invention.]

Please delete the above-described application.

IN THE UNITED STATES PATENT & TRADEMARK OFFICE
AMENDMENT

Page 4, Line 1- Line 3,

IN DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT;

A⁵

Referring now to Fig.1, the preferred embodiment of the present invention comprises a telephone keypad 10 [having buttons] 15.

Please amend the above-described application as follows.

Referring now to Fig.1, the preferred embodiment of the present invention comprises a telephone keypad 10 having twelve buttons 15.

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AMENDMENT

Page 4, Line 6-Line 10,

IN DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT:

The present [invention, however, has five raised dots] 20 located on [the] key representing the numeral "5" 22. The [dots are] tiny raised Braille-like features, which can be readily detected by the user as the user passes a finger over the surface of button 22.

Please amend the above-described application as follows.

The present invention has a raised “.” 20 located on a key representing the numeral “5” 22. The “.” maybe developed as a tiny raised Braille-like features, which can be readily detected by the user as the user passes a finger over the surface of button 22.

IN THE UNITED STATES PATENT & TRADEMARK OFFICE
AMENDMENT

Page 4, Line 11- Line 18,

IN DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT;

A7
Looking now at Fig. 2, the [five raised dots are] situated [around the picture of the numeral "5" 25 and the letters "JKL" 28. The] button not only denotes letters and a number but the punctuation mark ["."] Commonly known as a period or a "dot" in the internet sense. By pressing the [dot button] 22, the user [may express the "dot" in Internet languages including but not limited to ".com" or ".net" by use of their keypad].

Please amend the above-described application as follows.

Looking now at Fig. 2, the ". is situated at a corner of the surface of the button having a numeral "5" 25, surrounding the numeral "5" with the letters "J", "K" and "L" 28. Then, the button not only denotes letters and a number but the punctuation mark ".", which is commonly known as a period or a "dot" in the internet sense. By pressing the button, which now has a ". sign thereon 22, the user can express a telephone number, which has a ". in the alphabetic expression such as "1-XXX-YYY.com" or "1-ABC-DEF.net", by use of his/her keypad.

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↓
Page 5, Line 1- Line 2,
IN CLAIMS :

[1. Telephone keypad arrangement, which comprises a button with five raised dots on its surface.]

Please delete the above-described application.

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DELETION

**Page 5, Line 3- Line 5,
IN CLAIMS :**

[2. Telephone keypad arrangement in accordance with claim1 wherein said button
is capable of expressing a “.” In internet language.]

Please delete the above-described application.

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DELETION

**Page 5, Line 6- Line 8,
IN CLAIMS :**

[3. Telephone keypad arrangement in accordance with claim 1 wherein the number of said dots is two.]

Please delete the above-described application.

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DELETION

**Page 5, Line 9- Line 11,
IN CLAIMS :**

[4. Telephone keypad arrangement in accordance with claim 1 wherein the number of said dots is three.]

Please delete the above-described application.

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DELETION

**Page 5, Line 12- Line 14,
IN CLAIMS :**

[5. Telephone keypad arrangement in accordance with claim 1 wherein the number of said dots is four.]

Please delete the above-described application.

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DELETION

**Page 6, Line 1- Line 3,
IN CLAIMS :**

[6. Telephone keypad arrangement in accordance with claim 1 wherein the number of said dots is five.]

Please delete the above-described application.

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DELETION

**Page 6, Line 4- Line 6,
IN CLAIMS ;**

[7. Telephone keypad arrangement in accordance with claim 1 wherein the number of said dots is six.]

Please delete the above-described application.

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**Page 6, Line 7- Line 9,
IN CLAIMS ;**

[8. Telephone keypad arrangement in accordance with claim 1 wherein the number of said dots is seven.]

Please delete the above-described application.

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DELETION

**Page 6, Line 10- Line 12,
IN CLAIMS :**

[9. Telephone keypad arrangement in accordance with claim 1 wherein the number of said dots is eight.]

Please delete the above-described application.

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**Page 6, Line 13- Line 15,
IN CLAIMS ;**

[10. Telephone keypad arrangement in accordance with claim 1 wherein the number of said dots is nine.]

Please delete the above-described application.

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**Page 6, Line 16- Line 18,
IN CLAIMS :**

[11. Telephone keypad arrangement in accordance with claim 1 wherein said button exhibits a plurality of raised dots.]

Please delete the above-described application.

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ADDITION

**Page 6, Line 19,
IN CLAIMS :**

**12. A telephone keypad, which has a button, with a numeral "5" at the center
of the surface surrounded by alphabets "j", "k", "l" and a symbol ":".**

Please add the above-described application.